

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	12369	chromatograph and change\$	USPAT	OR	OFF	2007/01/08 09:25
L2	3871	1 and pump	USPAT	OR	OFF	2007/01/08 09:25
L3	70	2 and "417".clas.	USPAT	OR	OFF	2007/01/08 09:34
L4	2132	(takao.in. or hiraku.in. or hayase.in. or kaji.in. or ito.in.) and hitachi.asnm.	USPAT	OR	OFF	2007/01/08 09:34
L5	105	4 and chromat\$	USPAT	OR	OFF	2007/01/08 09:35
L6	3	("20050016263"   "20060000759"   "5393434").PN. OR ("7141161").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/08 10:31
L7	12	("20050194318"   "4158630"   "4352780"   "5283036"   "5462660"   "5935443"   "5958227"   "5968367"   "6235197"   "6502448"   "6942793"   "6989129").PN. OR ("7135111").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/08 10:35
L8	35	4 and pump and bubble\$	USPAT	OR	OFF	2007/01/08 11:03
L9	11016	(liquid adj chromat\$) and pump	USPAT	OR	OFF	2007/01/08 11:03
L10	21	((liquid adj chromat\$) and pump).ti.	USPAT	OR	OFF	2007/01/08 11:03
S2	570	(417/437).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/06 09:33
S3	20	((("7063513") or ("7063785") or ("6923916") or ("6651630") or ("6725837") or ("6701893") or ("6505608") or ("6352418") or ("5938417") or ("5775893") or ("5231914") or ("5105728") or ("5063829") or ("4815943") or ("4782712") or ("4801248") or ("4867649") or ("4702684") or ("4636148") or ("4653991"))).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/06 09:37

## EAST Search History

S4	63	((("6029495") or ("1310420") or ("1597913") or ("6186012") or ("1879029") or ("5531106") or ("5823717") or ("6106238") or ("6942793") or ("6157036") or ("5308583") or ("5447691") or ("5887507") or ("1448692") or ("1794954") or ("4980296") or ("5750029") or ("5852231") or ("5951954") or ("6129810") or ("6167767") or ("6244117") or ("6503389") or ("6860137") or ("1954253") or ("5240616") or ("5539204") or ("1851700") or ("1861988") or ("1872992") or ("1935624") or ("1950397") or ("5283036") or ("6030814") or ("6036856") or ("6107516") or ("6221251") or ("6221251") or ("6319398") or ("6469297") or ("6809316") or ("6955760") or ("5938416") or ("6228153") or ("6281019") or ("6544413") or ("5693122") or ("1417189") or ("1420393") or ("1501324"))).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/06 09:38
S6	0	S2 and (step\$3 near (piston or plunger))	USPAT	OR	OFF	2007/01/06 13:22
S7	175	"417".clas. and (step\$3 near (piston or plunger))	USPAT	OR	OFF	2007/01/08 09:24